

Converting Colors

XYZ(46.5985, 48.7264, 40.6706)

Have a look what the booklet for
XYZ(46.5985, 48.7264, 40.6706)
contains.

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Color

**XYZ(46.5995, 48.7245,
40.6669)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B8A1
RGB	197, 184, 161
RGB Percent	77%, 72%, 63%
CMY	0.2274, 0.2784, 0.3686
CMYK	0.00, 0.07, 0.18, 0.23
HSL	38°, 24%, 70%
HSV	38°, 18%, 77%
XYZ	46.5995, 48.7245, 40.6669
YIQ	185.2650, 15.1310, -4.3970

Conversions

Conversions Part 2

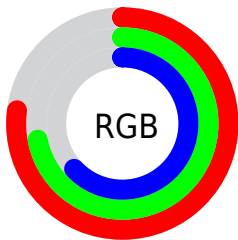
Format	Color
RYB	181, 197, 161
Decimal	12957857
CIELab	75.28, 0.81, 13.35
CIELCh	75, 13.372, 86.507
Yxy	48.7245, 0.3427, 0.3583
Android (android.graphics.Color)	4291147937 (0xFFC5B8A1)
YUV	185.2650, -11.9626, 10.2916
Hunter-Lab	69.8029, -2.9909, 14.3199

Details

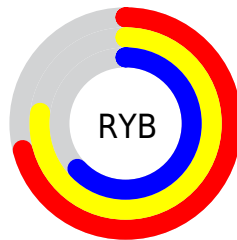
The XYZ color **46.5995, 48.7245, 40.6669** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **39.9119, 41.8795, 58.8038**, and the grayscale version is **46.3213, 48.7336, 53.0709**.

A 20% lighter version of the original color is **84.4278, 88.3489, 77.5690**, and **22.2043, 23.1764, 17.7712** is the 20% darker color. If you saturate the color by 10%, you get **43.5574, 45.2045, 31.7467**, and if you desaturate by 10%, it is **49.9923, 52.5069, 51.0556**.

Distribution



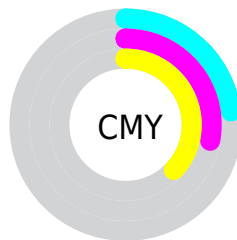
- Red (77%)
- Green (72%)
- Blue (63%)



- Red (71%)
- Yellow (77%)
- Blue (63%)



- Cyan (0%)
- Magenta (7%)
- Yellow (18%)
- Black (23%)





- Cyan (23%)
- Magenta (28%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.5995, 48.7245, 40.6669 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 46.5995, 48.7245, 40.6669 by changing the saturation by 10% instead.


 46.5995, 48.7245,
40.6669


 46.5995, 48.7245,
40.6669


363.8893,
381.6567, 364.5618

 32.9258, 34.4010,
27.7412


 84.3379, 88.2821,
77.4261

 22.2286, 23.2018,
17.8933


 109.1332,
114.2851, 102.0967

 14.1425, 14.7426,
10.7048


138.3665,
144.9499, 131.5194

 8.3022, 8.6389,
5.7570

172.4031,
180.6610, 166.1125

 4.3423, 4.5064,
2.6315

211.6083,
221.8029, 206.2948

 1.8976, 1.9607,
0.9087

256.3475,

 0.5754, 0.5845,

268.7599, 252.4848

0.0000

306.9860,
321.9164, 305.1009

■ 0.0000, 0.0000,
0.0000

■ 46.5995, 48.7245,
40.6669

■ 46.5995, 48.7245,
40.6669

■ 43.5574, 45.2045,
31.7467

■ 49.9923, 52.5069,
51.0556

■ 40.8481, 41.9332,
24.2241

■ 53.7448, 56.5520,
62.9729

■ 38.4581, 38.9049,
18.0271

■ 57.8707, 60.8687,
76.4795

■ 36.3712, 36.1114,
13.0761

■ 62.3815, 65.4632,
91.6315

■ 34.5694, 33.5437,
9.2824

■ 66.5550, 70.0482,
104.6206

■ 33.0328, 31.1918,
6.5460

■ 68.4566, 73.8513,
105.2544

■ 31.7377, 29.0444,
4.7493

■ 70.4385, 77.8151,
105.9151

■ 30.6484, 27.0852,
3.7103

■ 72.5017, 81.9414,
106.6028

■ 30.4720, 26.7621,
3.5596

■ 74.6470, 86.2321,
107.3179

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.9661, 48.7245, 42.5552



46.5995, 48.7245, 40.6669



44.2356, 48.7245, 41.8477

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.5995, 48.7245, 40.6669



42.2128, 48.7245, 59.3199



50.3617, 48.7245, 60.8708

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.5995, 48.7245, 40.6669



39.9119, 41.8795, 58.8038

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.4507, 48.7245, 66.0980



46.5995, 48.7245, 40.6669



43.7540, 48.7245, 65.1485

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.5995, 48.7245, 40.6669



41.7561, 48.7245, 52.2329



46.0240, 48.7245, 67.7281



51.1861, 48.7245, 53.8810

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.5995, 48.7245, 40.6669



42.9694, 48.7245, 44.2787



46.0240, 48.7245, 67.7281



49.8219, 48.7245, 62.9154

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.6008, 48.7267, 40.6679



91.6138, 96.3042, 97.9614



43.4309, 40.4245, 45.6610



19.5087, 20.5040, 20.6511



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.6008, 48.7267, 40.6679



81.1733, 84.6512, 66.0330



48.1887, 53.7388, 41.5517



11.1894, 11.7480, 11.2406



20.1242, 17.7656, 2.3684



1.0198, 0.9750, 0.1345

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



39.9119, 41.8795, 58.8038



66.9479, 70.0910, 104.6081



38.5075, 37.6070, 58.0531



10.3649, 10.9038, 13.4759



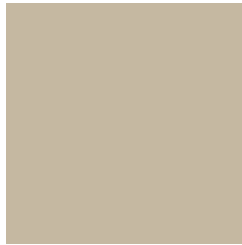
8.1884, 5.7708, 35.4267



0.4564, 0.4105, 1.7003

Previews

White Background



This preview shows how the XYZ color 46.5995, 48.7245, 40.6669 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 46.5995, 48.7245, 40.6669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

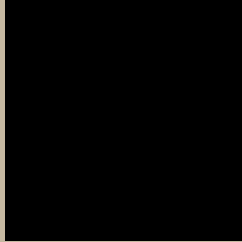
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.5995, 48.7245, 40.6669

Background



This preview shows how black text looks on a background with the XYZ color 46.5995, 48.7245, 40.6669.



This preview shows how white text looks on a background with the XYZ color 46.5995, 48.7245,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.5995, 48.7245, 40.6669

Protanopia

46.0301, 48.7405, 40.7000

Deuteranopia

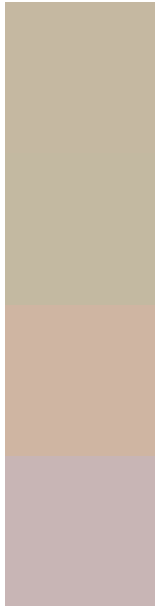
49.7931, 48.8459, 40.9862



Tritanopia

49.8331, 48.5080, 57.1886

Trichromacy



Original Color

46.5995, 48.7245, 40.6669

Protanomaly

46.2877, 48.8732, 40.7121

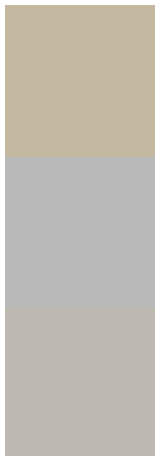
Deuteranomaly

48.7776, 48.9218, 41.0544

Tritanomaly

48.6838, 48.6633, 50.5431

Monochromacy



Original Color

46.5995, 48.7245, 40.6669

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.1717, 48.6513, 48.0314

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.5995, 48.7245, 40.6669 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 184, 161)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 184, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 161) }
```

Border

The CSS property to change the border of an element to XYZ 46.5995, 48.7245, 40.6669 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 184, 161) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(197, 184, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(197, 184, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 161);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 46.5995, 48.7245, 40.6669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
184, 161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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